



# Dell Inspiron 11z-1121 Fan Replacement

This guide will show you how to access the fan so you can clean or replace it if you notice your laptop is running hot.

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## INTRODUCTION

The fan in a laptop is responsible for keeping the the laptop cool so that it can properly function. Without the fan the laptop can overheat or run slowly.

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### TOOLS:

- [iFixit Opening Tools](#) (1)
  - [Phillips #1 Screwdriver](#) (1)
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## Step 1 — Battery



- Slide the latches outward to release the battery.
  - Pull the battery outward to remove.
-  The latches should lock in place, allowing for easy removal.
-  The battery must be removed for safety reasons when replacing other components of the laptop.

## Step 2 — Keyboard



- Unscrew three black 1mm screws using the PH1 Phillips-head screwdriver on the bottom of the laptop around the battery.

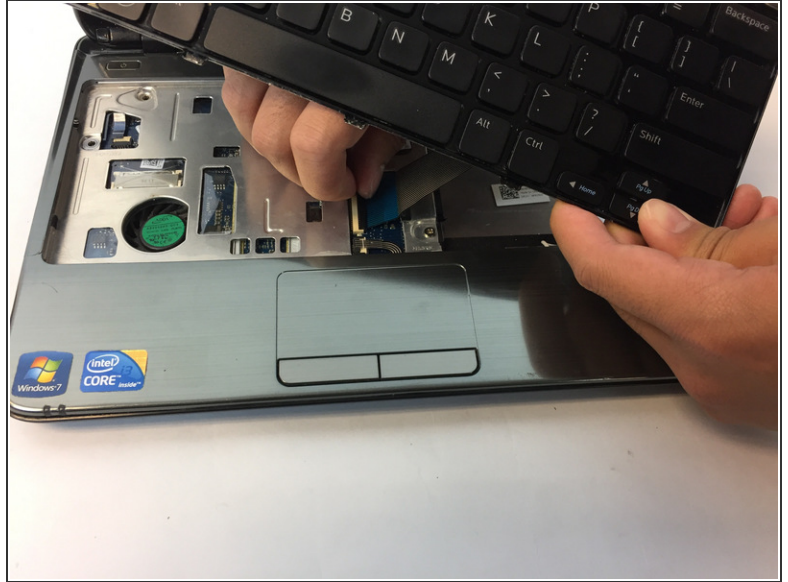
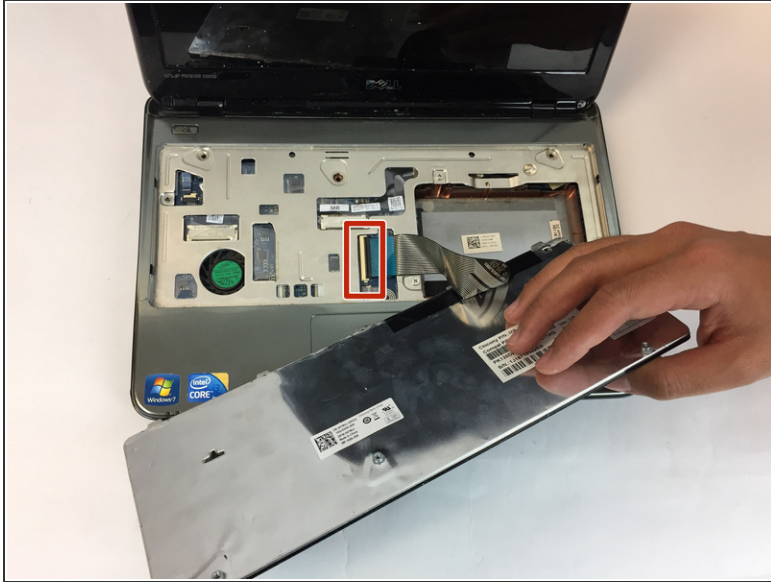


## Step 3



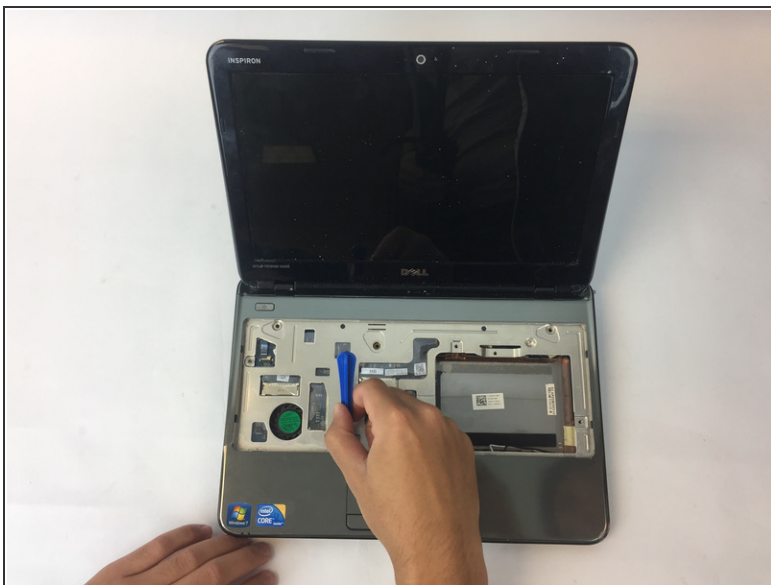
- Flip the laptop over and open it to expose the keyboard.
  - Use a plastic opening tool to pry up the keyboard, starting in the upper corner and working your way around.
- ⚠ Once the keyboard is pried up, do not remove the keyboard. There is still a ribbon attaching the keyboard to the laptop.

## Step 4



- Lift the keyboard to expose the ribbon attaching the keyboard to the laptop.
- Flip up the black retaining flap on the ZIF connector and then pull the ribbon cable away.
- Remove the keyboard from the laptop.

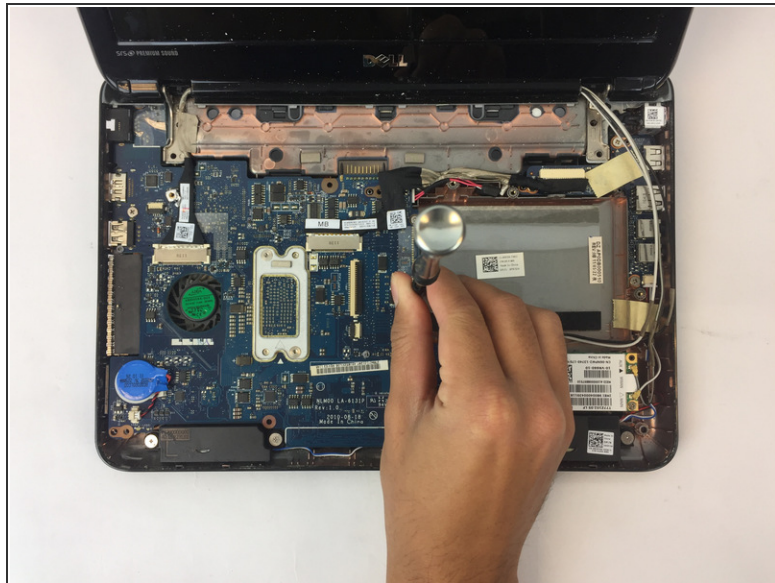
## Step 5 — Fan



- Start by prying the outer casing of the laptop using the plastic opening tool. Start from the bottom and work your way around the edges.

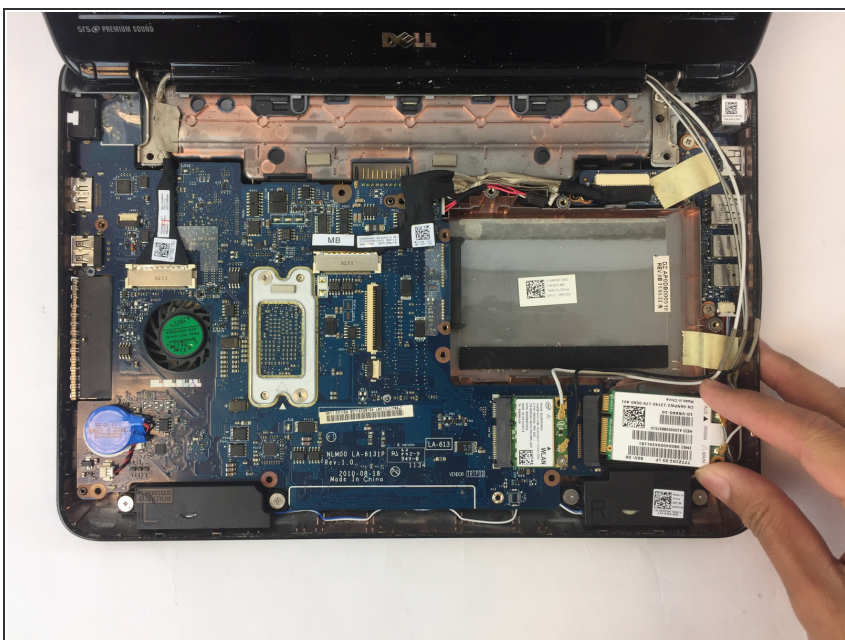


## Step 6



- Remove the outer casing to expose the motherboard.
- Remove five .75 mm screws using a PH1 screwdriver.
- ⓘ Make sure to keep track of your screws.

## Step 7



- Remove wireless wide area network (WWAN) card by sliding it out of position.
- ⓘ Make sure the wires attached to the WWAN card are not detached when doing this step.

## Step 8



- Unscrew the two 0.9 mm screws that are holding down the screen.
- Lift the screen up and towards yourself to detach the screen from the laptop.

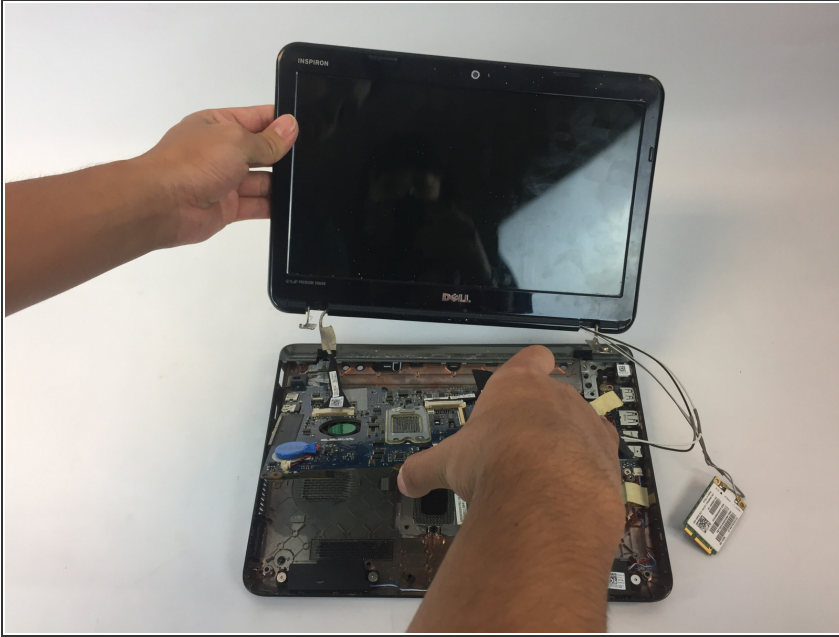
## Step 9



- Lay the screen down and pry the left corner of the plastic casing that is located behind the screen.

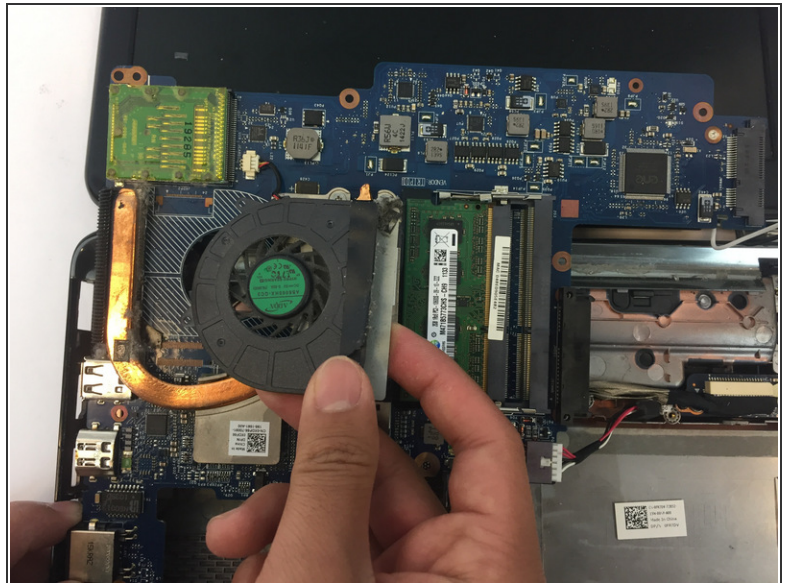
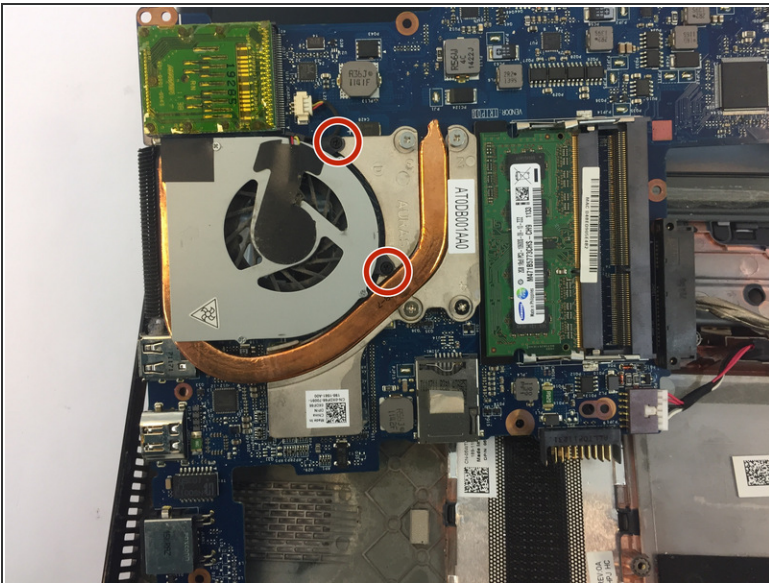


## Step 10



- While holding screen, remove the motherboard by wiggling it around and pulling outwards.
- ⓘ In this step you are trying to pull the motherboard out from the VGA socket it is attached to in the back left corner of the laptop.

## Step 11



- Unscrew the two black 0.5 mm screws holding the fan in place.
- Remove the fan by gently lifting the component upwards.

To reassemble your device, follow these instructions in reverse order.

